J. J.

Complete and send this form, together with applicable fee(s), to: Mail

Mail Stop ISSUE FEE Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450

or Fax (703) 746-4000

INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 5 should be completed where appropriate. All further correspondence including the Patent, advance orders and notification of maintenance fees will be mailed to the current correspondence address as indicated unless corrected below or directed otherwise in Block 1, by (a) specifying a new correspondence address; and/or (b) indicating a separate "FEE ADDRESS" for maintenance fee notifications.

25944	7590 01/03/2005	OLDE S	ž.	Fee(s) Transmittal. 7	of mailing can only be used f This certificate cannot be used nal paper, such as an assignm ate of mailing or transmission.	for any other accompanying
OLIFF & BER P.O. BOX 1992 ALEXANDRIA	RIDGE, PLC 8 , VA 22320	MAR 21 2015 CE TRADEMAR	CEELCE	I hereby certify that States Postal Service addressed to the M transmitted to the US	ertificate of Mailing or Tran this Fee(s) Transmittal is bein with sufficient postage for final ail Stop ISSUE FEE address SPTO (703) 746-4000, on the	smission g deposited with the United rst class mail in an envelope above, or being facsimile date indicated below.
3/22/2005 SZEWDIE2 00	000034 10025694	THADEMA				(Depositor's name)
1 FC:1501 1400.00 QP 2 FC:1504 300.00 QP			(Sign		(Signature)	
						(Date)
APPLICATION NO.	FILING DATE	Ι .	FIRST NAMED	INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/025,694	12/26/2001	Isamu S		Sato	111588	6078
	: THIN FILM MAGNETIC HI	ISSUE F				
APPLN. TYPE			EE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
, nonprovisional NO		\$1400		\$300	\$1700	04/04/2005
EXAMINER		ART UN	IIT	CLASS-SUBCLASS	7	
MILLER, BRIAN E		2652		360-324200	_	
CFR 1.363).  Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.  "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. Use of a Customer Number is required.			(1) the names of up to 3 registered patent attorneys or agents OR, alternatively,  (2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.			
3. ASSIGNEE NAME A	ND RESIDENCE DATA TO E	BE PRINTED ON T	THE PATENT	(print or type)		
PLEASE NOTE: Uni recordation as set fort	less an assignee is identified bh in 37 CFR 3.11. Completion	elow, no assignee of this form is NO	data will appe T a substitute f	ar on the patent. If an assi or filing an assignment.	gnee is identified below, the	document has been filed for
(A) NAME OF ASSI	GNEE	(B	B) RESIDENCE: (CITY and STATE OR COUNTRY)			
TDK CORPORATION			TOKYO, JAPAN			
Please check the appropr	iate assignee category or catego	ories (will not be pr	inted on the pa	itent): 🗖 Individual 🖾	Corporation or other private gr	oup entity Government
4a. The following fee(s)	are enclosed:	41	. Payment of F	` '		
Issue Fee				n the amount of the fee(s) is		. 164832
	To small entity discount permitt	ed)		by credit card. Form PTO-20		
Advance Order -	# of Copies		Deposit Acco	ctor is hereby authorized by out Number 15-046	charge the required fee(s), or (enclose an extra c	credit any overpayment, to copy of this form).
	tus (from status indicated above s SMALL ENTITY status. See	,	_		ALL ENTITY status. See 37 C	
The Director of the USP NOTE: The Issue Fee an interest as shown by the	TO is requested to apply the Iss d Publication Fee (if required) records of the United States Pat	ue Fee and Publica will not be accepted ent and Trademark	tion Fee (if any d from anyone Office.	y) or to re-apply any previou other than the applicant; a re	sly paid issue fee to the applic gistered attorney or agent; or t	ation identified above. he assignee or other party in
Authorized Signature				Date	March 21, 2005	
Typed or printed name Eliot R. Malamud		Malamud '		Registratio	on No51,989	

This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.